

# SOUTH PRODUCTION NOTES

April 2, 2014  
Afternoon Shift

BASF EMPLOYEES  
22 Last Recordable  
272 Last Lost Time

## **# 1 MED AI-5637:**

AI-5637 –Started making batches today.

Day shift: Started mixing.

Afternoon Shift: Continue batches. Get all dried batch samples to lab by end of shift for analysis in morning.

Midnight shift:

## **# 1 RC /Cleaning for AI-5637:**

Follow clean up sheet/calcliner should be good.

Day shift: Running sand out of calciner so maintenance can check thermowell. We will need to shut down and pull syntron to get a better look at the thermowell.

Afternoon Shift: Thermocouples were replaced. Trying to light calciner end of afternoon shift. IMPORTANT NOTE: #1 calciner will be lit and will be exhausting to F1. If #1 calciner comes up to temp and no issues, at approximately 3:00 am shut the feed off of #5 calciner and let #5 purge empty for an hour or so. When #5 calciner is empty, divert exhaust on #5 calciner to 5A blower (change swing valve on AI Gel upper deck next to 5A DC) and lower temps on #5 calciner 200 degrees. Then align exhaust from #1 calciner to Trimer and adjust exhaust suction per the MOD (minimum .30" H2O). By day shift, begin feeding #1 calciner. When all of the #1 calciner material is fed through (8400 lbs), we will then go back to feeding #5 calciner and reverse the above instructions.

Midnight shift:

Exhaust to Trimer

## **#2 MED line/ Cleaning for Cu-0860:**

Most of the dryer cleaned. Need to check the spiral (M.V. 3/16).

Day Shift: No change

Afternoon Shift: No change

Midnight shift:

### **#2 RC/ Cu-0860 next:**

We had a gear box leak possibly due to overfilling, so we will have to monitor that when we get back up and running. Calciner is off and has been reversed.

Day shift: No activity.

Afternoon shift: No change

Midnight shift:

### **Tank 7 / AHM solution:**

Last solution was made.

Day shift: Need to rinse tank and lines when empty.

Afternoon Shift: Tank is empty...adding 500 gallons of water to tank, adding steam and beginning recirculating and agitating.

Midnight shift:

### **#3 MED line / D-0795 NAQ:**

Almost finished with the run. BE SURE ALL WET MIX IS ADDED BY THE END OF THE RUN.

Day shift: Continue until until AHM is gone-B Grodecki

Afternoon Shift: In process of making last batch by toting off remaining AHM solution.

Continue into midnight shift as necessary. When done, follow cleaning instructions (currently on Mike V's desk).

Midnight Shift:

### **#3 RC/ D-0795 NAQ:**

Currently feeding the calciner using 113 bags.. Let's finish EL000149 and go back to EL00146 and EL00147 (at 723 lbs/supersack). Lot EL000147 will have to have 19 bags to make the order. Then go to EL00150 to finish the second order. Three bags were set aside in designated area (LOT 149, bags 7, 8 and 9).

Day shift: Continued. Remake 3 bags –per B Grodecki

Afternoon Shift: Continuing Grodecki's calcining plan. As of 10:00 pm Tuesday, Lot 150 bag 1 done, Lot 149 bag 7 in progress. Next fill Lot 149 bags 8 and 9. When these are all done, resume Lot 150 bag 12 and continue until all good material is consumed. After that, the four bags listed above (lot 149 bags 7-9 and lot 150 bag 1) will be re-fed with a different oversize screen and at a 200 degree temp drop – the screen is sitting next to the screener. This may not occur until afternoon shift...please contact Grodecki if day shift gets to this point.

Midnight shift:

**Exhaust to CTO**

**Old Pfaudler – D-0795 blends next:**

Pfaudler is ready.

Day Shift: Contractors completed-spark test.

Afternoon Shift: no change

Midnight Shift:

**Tank 6 / Empty:**

Clean.

Day shift: No change.

Afternoon Shift: no change

Midnight shift:

**New Pfaudler / :**

The Pfaudler has been rinsed but not acid washed. Waiting for instructions (RAND 3/24/14).

Day shift: Contractors will -spark test on Wednesday.

Afternoon Shift: No change.

Midnight shift:

**#4 RC / Clean for Selexorb:**

**We have clean up instructions.** AL oxide can be run through the spiral per John Bodmann.

Day shift:

Afternoon Shift: Selexorb to arrive around 4/11/14

Midnight Shift:

**Exhaust to Trimer**

**National Dryer / D-0222:**

Soda blasting to be done on Monday/Tuesday.

Day shift: Shurmir is soda blasting today.

Afternoon Shift: Soda blasting completed

Midnight Shift:

### **#5 RC / 1505:**

The thermowell has been installed.

Day shift: At temperature and starting to feed. 3 burners repaired.

Afternoon shift: Continue, but a change planned for midnight shift. IMPORTANT

NOTE: #1 calciner will be lit and will be exhausting to F1. If #1 calciner comes up to temp and no issues, at approximately 3:00 am shut the feed off of #5 calciner and let #5 purge empty for an hour or so. When #5 calciner is empty, divert exhaust on #5 calciner to 5A blower (change swing valve on Al Gel upper deck next to 5A DC) and lower temps on #5 calciner 200 degrees. Then align exhaust from #1 calciner to Trimer and adjust exhaust suction per the MOD (minimum .30" H2O). By day shift, begin feeding #1 calciner. When all of the #1 calciner material is fed through (around 8400 lbs), we will then go back to feeding #5 calciner and reverse the above instructions.

Midnight shift:

**Exhaust to Trimer**

### **PK Blender / 1505:**

We are now running 1505 material through the PK. Take the finished bags to building 16 per instructions. MAKE SURE THE BAGS ARE CLEAN.

Day shift: Continued.

Afternoon Shift: Continued, but out of base until morning.

Midnight Shift:

### **HC-11 Tanks - :**

Acid washed Tank 4 and tank 107; all tanks are empty with the exception of Tank 2.

(RAND - 3/24/14)

Day shift: No activity.

Afternoon Shift: No activity.

Midnight Shift:

### **Tower 3 / Cu-1986:**

Tower is loaded and running.

Day shift: Running.

Afternoon shift: Still going but should come down late midnight shift or first thing day shift. When emptied and reloaded, do not fire up. Tower will need to be under Nitrogen (per Bill Grodecki) until he advises when to fire up.

**Midnight Shift:**

**Tower 6 / Cu-1986:**

**Down due to heat exchanger leak.**

**Day shift:**

**Afternoon shift: Still on hold until morning. Lucas and possible second contractor to address heat exchanger issue Wednesday.**

**Midnight Shift: Still on hold.**

**North Screener /Change over to Cu-1986:**

**We can switch screener over to Cu-1986.**

**Day shift:**

**Afternoon Shift: Hold until material to screen**

**Midnight shift:**

**South Screener / Cu-1986:**

**Hold**

**Day shift: No change.**

**Afternoon Shift: Hold until material to screen**

**Midnight shift:**

**Tunnel Kiln #2 / D-0406 (Zinc material off #1 MED):**

**We are running. Please note that we are not to add material to the top sagger. A note has been added to the MOD. A 2 inch oversize screen was used (M.V. 3/16/14). Continue to monitor Co emissions on the log sheet.**

**Day shift: Continued.**

**Afternoon Shift: Continued on.**

**Midnight shift: Continued on.**

**Harrop Kiln - Al-3921 T 3/16”:**

**Down... saggars have been removed, screener parts at TK#2**

**Day shift:**

**Afternoon shift:**

**Midnight shift:**

**#6 RC / :**

Down

Day Shift: Down

Afternoon shift: Down

Midnight shift:

Exhaust to Sly Scrubber

**#2662 Pill Machine / AI-3917 3/16: Hold**

**#2664 Pill Machine / AI-3917 3/16: Hold**

## Priorities

Most of all Safety and Nox treatment.

Towers

D-0795 NAQ. We are way behind on days

#5RC Turn around.

South PK